

ABSTRACT OF THE INVENTION

The present invention is directed to a polymer electrolyte comprising amine groups dispersed throughout the polymer backbone, including various poly(ethylenimine)-based polymers, which enable ionic movement for use in various applications, including for example batteries, fuel cells, sensors, supercapacitors and electrochromic devices. The present invention is further directed to a method for preparing such polymer electrolytes.

10038782-123101